



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Tuesday, January 23, 2007

Electricity

Update: 40,000 Customers Still Without Power in Missouri and Oklahoma

Missouri officials report that as of noon today, January 23, more than 27,350 customers statewide are without power as a result of the January ice storms. Rural electric coops report 13,000 customers without power. Springfield City Utilities reports 9,600 customers without power. Empire Electric reports 4,750 customers in southwest Missouri are without power. The Missouri State Emergency Management Agency estimates that many of these customers will have power restored by Wednesday evening January 24 or by the end of the week at the latest. The Oklahoma Emergency Management Agency reports 12,574 outages remaining in the State as of 7:00 pm January 22. Only a few hundred customers in other states are still without power due to the mid-January ice storms.

<http://sema.dps.mo.gov/SitReps/SITREP1232007.pdf> January 23, 1200

http://www.ok.gov/OEM/Emergencies_&_Disasters/Winter_Weather_Event_20070112_Master/Winter_Weather_Event_20070112-36.html

Update: OPG's 494 MW Lambton Coal-fired Unit 4 in Ontario Restarted January 23

The unit was shut yesterday and was back online by today.

Reuters, 08:02 January 23, 2007

Calpine's 281 MW Delta Gas-fired Unit in California Shut January 22

Reuters, 10:49 January 23, 2007

PG&E's 404 MW Helms Hydro Unit 3 in California Shut January 22

Reuters, 10:49 January 23, 2007

CDWR's 312 MW Hyatt-Therm Hydro Unit in California Shut January 22

Reuters, 10:49 January 23, 2007

U.S. Wind Power to Grow 26 Percent in 2007 – AWEA

According to the American Wind Power Association, wind power generation in the United States will increase by 26 percent in 2007. In 2006 U.S. wind power generation capacity increased 27 percent to 11,604 MW.

Reuters, 09:33 January 23, 2007

DOE Issues Positive EIS of Proposed New 285 MW Coal-fired Power Plant in Florida

On January 22, the U.S. Department of Energy (DOE) issued a positive final environmental impact on a 285 MW integrated gasification combined-cycle coal-fired power plant that would be built near Orlando, Florida.

<http://www.platts.com/Electric%20Power/News/6340717.xml?p=Electric%20Power/News&sub=Electric%20Power>

Mountain Island Energy Lobbying for New Coal-fired Plant in Idaho

A two-year moratorium on new coal-fired plants in Idaho expires in 2008, and Mountain Island is lobbying state legislators to allow the ban to expire, so that it can build the new proposed plant.

http://www.magicvalley.com/articles/2007/01/22/news/local_state/104779.txt

http://www.magicvalley.com/articles/2007/01/22/news/local_state/104781.txt

http://pro.energycentral.com/professional/news/power/news_article.cfm?id=7693072

Petroleum

Several Units Shut at Flint Hills's 288,000 b/d Corpus Christi Refinery in Texas January 20

According to a filing with Texas regulators, Flint Hills was forced to shut several process units at the refinery due to a loss of steam resulting from the loss of three boilers.

Reuters, 14:17 January 22, 2007

Update: Alkylation Unit Back Up at Alon USA's 67,000 b/d Big Spring Refinery in Texas January 22

Alon USA said the alkylation unit returned to service on Monday after being shut for repairs earlier in the day due to a leak. The company said that there was no effect on gasoline production.

Reuters, 09:05 January 23, 2007

Gulf Intracoastal Waterway Near New Orleans Reopened to One-Way Traffic

On Monday, the U.S. Coast Guard closed the Gulf Coast Intracoastal Waterway, an inland barge route, after an oil well leak was detected about 30 miles southwest of New Orleans. Today the waterway was reopened to one-way vessel traffic as workers prepared to fix the leaking oil well. Seventeen vessels, some of them oil barges, were waiting to transit the waterway as of early this morning.

Reuters, 13:01 January 23, 2007

Reuters, 18:08 January 22, 2007

Alaska Oil Production Drops 100,000 b/d Since January 16

According to state data, oil production in Alaska has fallen from an average of 825,000 b/d in December to less than 700,000 b/d in recent days. The state has given no explanation for the decline. Inventories at the port of Valdez have been higher than normal and near the terminal's maximum capacity of 6.7 million barrel. According to the U.S. National Weather Service, weather in the Valdez area is calm. Earlier this month two Alaska Oil Tanker Company 1.3 million barrel crude oil tankers were withdrawn from service due to lost anchors at sea in rough weather.

Reuters, 09:57 January 23, 2007

LA DEQ Approves Marathon's 180,000 b/d Expansion Plans at Garyville Refinery

On Monday January 22, the Louisiana Department of Environmental Quality approved Marathon Oil Company's plan to expand its 245,000 b/d Garyville, Louisiana refinery by 180,000 b/d. Marathon expects to begin the expansion this year and be completed in the fourth quarter of 2009.

http://biz.yahoo.com/bizj/070123/1406604.html?_v=1

Natural Gas

Long Beach Rejects LNG Plan January 22

The Port of Long Beach Harbor Commission terminated an ongoing environmental assessment and rejected a four-year-old proposal by Sound Energy Solutions (SES) to build a 1Bcf/d receiving terminal for liquefied natural gas (LNG) in the harbor.

NGL, *Daily Gas Price Index*, 0859 January 23, 2007, <http://intelligencepress.com/>

Other News

U.S. Power Grid Can Accommodate Plug-in Electric Vehicles – DOE Lab

The U.S. electricity grid can support most light-duty vehicles as plug-in electric hybrids, according to a recent report issued by the U.S. Department of Energy's Pacific Northwest National Laboratory on January 22. Ideally, the vehicles should be charged during off-peak periods. The report concluded that 84% of "vehicles could be supported by the existing infrastructure." It should be noted that the report examined data from 2002.

<http://www.platts.com/Electric%20Power/News/6340832.xml?p=Electric%20Power/News&sub=Electric%20Power>

NRC's Member McGaffigan Says US Should Re-evaluate Nuke Waste Disposal Plan

On Monday January 22, McGaffigan said the Yucca Mountain plan has too many problems and the U.S. Department of Energy should be examining other long term solutions to nuclear power plant waste. He said his thoughts were his own personal views.

<http://www.platts.com/Nuclear/News/6340715.xml?p=Nuclear/News&sub=Nuclear>

President to Discuss Energy Policy and Energy Security in State of Union Address Tonight

In his State of the Union Address tonight, President Bush is going to address the areas that are of foremost concern to Americans -- energy and energy security, according to Tony Snow, President Bush's Press Secretary. Energy Policy and Energy Security are also currently highlighted on the White House home page.

Tony Snow, White House Press Conference, 1020 January 22, 2007.

<http://www.whitehouse.gov/news/releases/2007/01/20070122-1.html>

White House homepage, <http://www.whitehouse.gov/>

Energy Prices

U.S. Oil and Gas Prices January 23, 2007			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	52.32	50.97	68.06
NATURAL GAS Henry Hub \$/Million Btu	7.53	6.82	8.29

Source: Reuters

Energy Notes

Hunt Oil to Build LNG plant in Peru – Expected to Export to Western U.S.

http://www.dallasnews.com/sharedcontent/dws/bus/stories/DN-perulng_23bus.ART.State.Edition1.1cc56ff.html

MIT Study Urges U.S. to Increase Use of Geothermal Energy

http://geothermal.inel.gov/publications/future_of_geothermal_energy.pdf

Iraq's Basra Oil Terminal Reopens After Weather Suspends Exports For One Day

Reuters, 07:04 January 23, 2007

Russia's Novorossiisk Oil Terminal Reopens After Weather Suspends Exports For Four of Past Five Days

Reuters, 06:13 January 23, 2007

Gunmen Kidnap Two Engineers (one American, one British) in Nigeria

Reuters, 12:03 January 23, 2007

Petroecuador Raises Output Raises Output 8,000 b/d After Amazon Protest Ends

Reuters, 17:43 January 23, 2007

Ecuador in Discussions with OPEC over Re-joining the Organization

http://www.energyintel.com/PublicationHomePage.asp?publication_id=5

Brazil Expects to Grow Ethanol Output 40 Percent by 2010

Oil Daily, January 23, 2007

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

Natural Gas Weekly Update from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

ENERGY ASSURANCE DAILY

Energy Assurance Daily provides a summary of public information concerning current energy issues. Published Monday through Friday to inform stakeholders of developments affecting energy systems, flows, and markets, it provides highlights of energy issues rather than a comprehensive coverage. *Energy Assurance Daily* is updated online Monday through Friday after 5:00 p.m. EST. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

<http://www.oe.netl.doe.gov/index.aspx>.

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